

Confidential Claim Retracted

JACKPILE-PAGUATE MINE TOUR
September 9, 1987

AUTHORIZED BY:

DATE: 5/16/13

Wilmer Lente, Committee Member
Wilmer Greene, Committee Member
Donald B. Sutton, Mining Engineer

Mr. Sutton representing Spectrum Engineering, Billings, Montana, is a consultant for Kellogg Corporation, Littleton, Colorado, was given a tour of the Jackpile Mine site. Spectrum Engineering specializes in engineer designs and cost analysis.

Mr. Sutton was briefed by Governor Fernando. Questions by Mr. Sutton were: Will the Laguna Construction Firm buy or lease their equipment and what are you (POL) looking for in a TAC?

Jackpile Pit was the first stop on the tour. Mr. Sutton noted the ponding, the three adits, erosion of waste dumps, different types of soil and vegetation. Of importance were the high walls and the dangers of scaling the walls and degrees of slope. As stated in the EIS, the slopes will be 3:1. Mr. Sutton believes 3:1 is too steep and will make some calculations to determine a correct degree of sloping. Another concern was the ponding and the amount of backfill it will require. Also the possibility of draining the ponds. Question is where the contaminated water will be deposited. The types of equipment and man power were of concern. Also the cost analysis, i.e., materials carried a long distance will cost more, compared to materials carried a short distance will cost less. This operation could be quite expensive.

Second stop was the North Paguate Pit the ponding, protore, waste dump and high walls were noted. It was very evident at this point of how close the mining operation was to the village of Paguate. Of concerns in this area was the fact that protore to be used as backfill is located on the east side of the new SR 279. Different methods of transporting material were discussed.

The third stop was the South Paguate Pit. Of interest were the different soils and rock in this area, the erosion of the ground and highwalls. The ponding was noted and the amount of backfill needed to fill the pit was of concern. P-10 was noted as were the office building and adjacent buildings. They are in good condition and could be utilized for operations.

No pictures were taken. At the completion of the tour, more questions/comments were made by Mr. Sutton.

- a. The type of equipment we will need during the project and type we will maintain for the ICF.



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- b. Will need aerial photos for designs
- c. What is the skill level of the labor force
- d. Will POL be utilizing the equipment and expertise of the contractor

Mr. Sutton stated the need to check the background and the job performance upon selection of a TAC. Other pertinent concerns were discussed.

Time allotted for this tour was 8:30 a.m. until 4:30 p.m.

Kilmer Greene
Committee Member

Wilmer Dante
Committee Member